

EAST Search History

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	((rms (root near3 mean near3 squar\$3))) near8 (auto-correlation autocorrel\$6) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:02
L2	177	(energy) near8 (auto-correlation autocorrel\$6) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:03
L3	3	(energy) near8 (auto-correlation autocorrel\$6) same ((updat\$4 adjust\$4 adapt\$3) near7 threshold) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:12
L4	16	(energy) near7 (auto-correlation autocorrel\$6) and (noise non-speech noisy unvoiced) near10 ((updat\$4 adjust\$4 adapt\$3) near7 threshold) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:16
L5	68	(auto-correlation autocorrel\$6) same ((updat\$4 adjust\$4 adapt\$3) near7 (noise threshold background)) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:37
L6	18	(auto-correlation autocorrel\$6) and (multiply\$4 multiplication product) near9 ((updat\$4 adjust\$4 adapt\$3) near7 (noise threshold background)) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:39
L7	3	(auto-correlation autocorrel\$6) and (multiply\$4 multiplication product) near9 ((updat\$4 adjust\$4 adapt\$3) near7 (threshold)) and ((voice speech) near6 (discriminat\$4 decision decid\$4 detect\$4 determin\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:41

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L8	88	(auto-correlation autocorrel\$6) and (power energy) near9 ((updat\$4 adjust\$4 adapt\$3) near7 (threshold)) and ((voice speech) near6 (discriminat\$4 decision decid\$4 detect\$4 determin\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:43
L9	88	(auto-correlation autocorrel\$6) and (power energy rms) near9 ((updat\$4 adjust\$4 adapt\$3) near7 (threshold)) and ((voice speech) near6 (discriminat\$4 decision decid\$4 detect\$4 determin\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:51
L11	35	(auto-correlation autocorrel\$6) near10 ((updat\$4 adjust\$4 adapt\$3 calculat\$4 determin\$4 equation computing compute) near7 (threshold)) and ((voice speech) near6 (discriminat\$4 decision decid\$4 detect\$4 determin\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 09:11
L12	25	((averag\$4 smooth\$4) near7 (rms (root near3 mean near3 squar\$3))) same threshold and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 09:08
L13	13	((averag\$4 smooth\$4) near7 (autocorrelation auto-correlation)) same threshold and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 09:13
L14	2	(auto-correlation autocorrel\$6) near10 ((control\$4) near7 (threshold)) and ((voice speech) near6 (discriminat\$4 decision decid\$4 detect\$4 determin\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 09:11
L15	105	((averag\$4 smooth\$4) near7 (difference)) same threshold and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 09:13

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L16	58	((averag\$4 smooth\$4) near7 (difference)) near10 threshold and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 09:14
L23	85	kitao near3 hideki	JPO	OR	OFF	2007/06/07 11:02
L26	2	kitao near3 hideki and (detector)	JPO	OR	OFF	2007/06/07 11:14
L27	259	((kitao near3 hideki) (iwata near3 osamu) (nakamura near3 masataka) (terao near3 kazuya) (kodama near3 satomi)).in.	JPO	OR	OFF	2007/06/07 11:18
L28	16	I27 and ((speech voice sound) near6 (detect\$4))	JPO	OR	OFF	2007/06/07 11:17
L29	16	I27 and ((speech voice sound) near6 (detect\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/07 11:20
L30	319	((kitao near3 hideki) (iwata near3 osamu) (nakamura near3 masataka) (terao near3 kazuya) (kodama near3 satomi)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 11:18
L31	18	I30 and ((speech voice sound) near6 (detect\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/07 11:27
L32	1519	(704/208 704/216-217 704/233).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 11:27
S1	1	10/619874	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 18:50

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S2	436	(short short-term shorter-term "shorter term" short-time "short time") near6 (auto-correlat\$4 autocorrelat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:55
S3	11	S2 and 704/233.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 18:51
S4	137	704/233.ccls. and (auto-correlat\$4 autocorrelat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 08:36
S7	2	"6023674".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 08:33
S8	17632	(auto-correlat\$4 autocorrelat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 08:37
S9	16889	(auto-correlation autocorrelation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 08:47
S10	34833	(detect\$4 near7 (speech voice))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 09:03

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S11	1094	S9 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 08:38
S12	192	(rms root-mean-squared root-means-squared (root near4 mean near3 squared)) same (autocorrelation auto-correlation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 08:39
S13	19	S10 and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 08:39
S14	85	(auto-correlation autocorrelation) near8 (threshold limit) near7 (time period duration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 09:00
S15	19	S10 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 08:50
S16	626	(auto-correlation autocorrelation) near8 (threshold limit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:52
S17	12955	(extract\$6) near7 (speech voice)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 09:01

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S18	53	S10 and S16 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 09:03
S19	52576	((detect\$4 determin\$4) near7 (speech voice))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 09:36
S20	60	S19 and S16 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 09:36
S21	56934	((detect\$4 determin\$4 classify\$4 classification discriminat\$4) near7 (speech voice))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:29
S22	130	S16 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 09:47
S23	45	S22 and ((speech voice) near7 recogni\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 09:52
S24	436	(short short-term shorter-term "shorter term" short-time "short time") near6 (auto-correlat\$4 autocorrelat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:00

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S25	114	S24 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:06
S26	57720	((detect\$4 determin\$4 classify\$4 classification discriminat\$4 endpoint\$3 end-point\$3) near7 (speech voice))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:51
S27	15242	S26 and ((low near3 pass filter) LPF)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:30
S28	89	S27 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:31
S29	61	S28 and (back extend\$4 backwards)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:32
S30	60827	((detect\$4 determin\$4 classify\$4 classification discriminat\$4 endpoint\$3 end-point\$3 decid\$3 decision) near7 (speech voice))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:53
S31	60046	((detect\$4 determin\$4 boundary discriminat\$4 endpoint\$3 end-point\$3 decid\$3 decision) near7 (speech voice))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:36

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S32	111	S24 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:00
S33	73	(short short-term shorter-term "shorter term" short-time "short time") near6 (auto-correlat\$4 autocorrelat\$4) same (threshold level limit watermark "water mark")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:35
S34	18	S33 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:30
S35	1250	(auto-correlat\$4 autocorrelat\$4) near8 (threshold level limit watermark "water mark")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:05
S36	215	S35 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:05
S37	31853	(greater above higher) near8 (threshold limit watermark) near7 (period time duration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:31
S38	943	S31 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:31

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S39	13	(short short-term shorter-term "shorter term" short-time "short time") near6 (auto-correlat\$4 autocorrelat\$4) and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:31
S40	16	(short short-term shorter-term "shorter term" short-time "short time") near6 (auto-correlat\$4 autocorrelat\$4) same (noisy SNR signal-to-noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:35
S41	2	S31 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 11:36
S42	436	(short short-term shorter-term "shorter term" short-time "short time") near6 (auto-correlat\$4 autocorrelat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 13:30
S43	111	S42 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:19
S44	400	(small brief-term smaller-term "smaller term" brief-time "brief time") near6 (auto-correlat\$4 autocorrelat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:18
S45	32	S44 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:20

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S46	45	(shorter-term "shorter term" shorter) near6 (auto-correlat\$4 autocorrelat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:28
S47	12	S46 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:20
S48	3	(shorter-duration short-duration short-interval shorter-interval) near6 (auto-correlat\$4 autocorrelat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:29
S49	1685	(auto-correlation autocorrelation) near8 (exceed\$3 great\$3 above higher)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:53
S50	1595	(auto-correlation autocorrelation) near7 (exceed\$3 great\$3 above higher)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:56
S51	216	S31 and S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:55
S52	1206587	(threshold limit watermark level exceed\$3 greater higher) near8 (duration period time interval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 13:28



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S53	131	S31 and S50 and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:55
S54	158	(auto-correlation autocorrelation) near7 (exceed\$3 great\$3 above higher) same ((threshold limit watermark level exceed\$3 greater higher) near8 (duration period time interval))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 13:56
S55	17	S31 and S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:57
S56	48	(split\$4 segment\$4) near7 (speech voice non-speech nonspeech) and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 13:29
S57	74	(split\$4 segment\$4 separat\$4) near7 (speech voice non-speech nonspeech) and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 13:57
S58	665	(short short-term shorter-term "shorter term" short-time "short time" partial) near6 (auto-correlat\$4 autocorrelat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 14:52
S59	115	(split\$4 segment\$4 separat\$4) near7 (speech voice non-speech nonspeech) and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 13:32

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S60	676	(auto-correlation autocorrelation) near7 (window\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 13:56
S61	297	S31 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 13:57
S62	227	(split\$4 segment\$4 separat\$4) near7 (speech voice non-speech nonspeech) and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 14:32
S63	6	("45120159" "6094568" "5212764" "5671327").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 14:32
S64	43	(short short-term shorter-term "shorter term" short-time "short time" partial) near4 (auto-correlat\$4 autocorrelat\$4) near7 (calculat\$4 equation formula) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 15:08
S65	1	(number near3 correlated near3 sample) and (auto-correlat\$4 autocorrelat\$4) near7 (calculat\$4 equation formula) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:01
S66	1295	(smooth\$4 near7 (rms (root near3 mean near3 squar\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:02

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S67	17	(smooth\$4 near7 (rms (root near3 mean near3 square\$3))) same threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 09:04
S68	338	(averag\$4 near7 (rms (root near3 mean near3 square\$3))) same threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:16
S69	19	S68 and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:12
S70	17	(smooth\$4 near7 (rms (root near3 mean near3 square\$3))) same threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:16
S71	22	(smooth\$4 near7 (rms (root near3 mean near3 square\$3))) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:21
S72	152	(averag\$4 near7 (rms (root near3 mean near3 square\$3))) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:21
S73	23	(averag\$4 near7 (rms (root near3 mean near3 square\$3))) same (threshold limit) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:35

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S74	64	((rms (root near3 mean near3 squar\$3))) near6 (auto-correlation autocorrelation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:35
S75	77	((rms (root near3 mean near3 squar\$3))) near8 (auto-correlation autocorrelation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 18:02
S76	14	S75 and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:36
S77	80	((updat\$4 adjust\$4 adapt\$3) near7 threshold) same (autocorrelation auto-correlation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:44
S78	31	S77 and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 17:44
S79	78	((rms (root near3 mean near3 squar\$3))) near8 (auto-correlation autocorrel\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 07:52